# Models fit

* SAS – lobe and rater as fixed effects, random intercept, nested random rater by subject: TIB, GGO (modeled as binary outcome), CONS, BRONCH
  + Will also fit reduced models (no random rater) to see if it impacts results
* SAS – lobe and rater as fixed effects, random intercept: ATEL, LN, THIN (needed qpoints=30), THICK

# SAS Main Model Results

\_\_\_ = significant

TIB

* RUL: >LUS, >LLS
* RML: >LUS, >LLS, >RUL
* RLL: >LUS, >LLS, >RUL, >RML, >LLL
* LUS:
* LLS: >LUS,
* LLL: >LUS, >LLS, >RUL, >RML

LN

* RUL: >LUS, >RML, >LLS, >LLL
* RML: >LUS
* RLL: >LUS, >RML, >LLS, >LLL, >RUL
* LUS:
* LLS: >LUS, >RML
* LLL: >LUS, >RML, >LLS

GGO

* RUL: >LLS, >RML, >LUS
* RML:
* RLL: >LLS, >RML, >LUS, >LLL, >RUL
* LUS: >LLS, >RML
* LLS:
* LLL: >LLS, >RML, >LUS
  + RML VS LLS; AND RUL VS LLL ESSENTIALLY EQUIVALENT

CONS

* RUL: >LUS, >LLL, >RLL, >LLS
* RML: >LUS, >LLL, >RLL, >LLS, >RUL
* RLL: >LUS, >LLL
* LUS:
* LLS: >LUS, >LLL, >RLL
* LLL: >LUS,

BRONCH

* RUL: >LUS, >LLL, >RLL
* RML: >LUS, >LLL, >RLL, >RUL, >LLS
* RLL: >LUS, >LLL
* LUS:
* LLS: >LUS, >LLL, >RLL, >RUL
* LLL: >LUS,

ATEL

* RUL: >LUS, >RLL, >LLL
* RML: >LUS, >RLL, >LLL, >RUL
* RLL: >LUS
* LUS:
* LLS: >LUS, >RLL, >LLL, >RUL, >RML
* LLL: >LUS, >RLL

THIN

* RUL: >RML, >LLS, >LLL, >LUS, >RLL
* RML:
* RLL: >RML, >LLS, >LLL, >LUS
* LUS: >RML, >LLS, >LLL
* LLS: >RML
* LLL: >RML, >LLS

THICK

* RUL: >RML, >LLS, >LLL, >LUS, >RLL
* RML:
* RLL: >RML, >LLS, >LLL, >LUS
* LUS: >RML, >LLS, >LLL
* LLS: >RML
* LLL: >RML, >LLS